

Waterbodies Added to 2004 Iowa Clean Water Act, Section 303(d) List by EPA

#	Waterbody	ADB+ Code	Use(s) Impaired	2004 Category	Pollutant	Comments
1	Mississippi River	01-NEM-0010_4	B(WW)	5a	Nutrients	De-listed by IDNR for 2004 list based on alternative control mechanism (NPDES permit) in-place. Archer Daniels Midland - Clinton 1998 NPDES permit expired. No indication that permit conditions are resulting in the elimination of the impairment.
2	Muchakinock Creek	04-LDM-0140_2	B(LR)	5b	Unknown	2000 bioassessment shows poor condition of fish community, but lacks BM-IBI data. De-listed by IDNR for 2004 list for lack of BM data. F-IBI data is adequate indication of impairment.
3	Milford Creek	06-LSR-0305_0	Gen. Use	5a	Nutrients	De-listed by IDNR for 2004 list for misapplication of bioassessment data to General Use stream. IDNR Stressor Identification Document identifies nutrients as a possible cause of impairment as well as conditions inconsistent with State's General Water Quality Criteria. Downstream segment (06-LSR-0300_0) is listed in Category 5b. IDNR has not demonstrated that there is good cause not to list.
4	Middle Fork South Beaver Creek	02-CED-0432_1	Gen. Use	5a	Nutrients	De-listed by IDNR for 2004 list. IDNR Stressor Identification Document identifies nutrients as a possible cause of impairment as well as conditions inconsistent with State's General Water Quality Criteria. Upstream segment receives POTW discharge. IDNR has not demonstrated that there is good cause not to list.
5	Windmill Lake	05-PLA-00430_L	A	5a	Turbidity	IDNR removed turbidity as pollutant for listing. ISU lake study data does not support IDNR contention that cause of impairment is solely algae. IDNR has not demonstrated that there is good cause not to list for turbidity.
6	North River	04-LDM-0300_2	B(WW)	5b	Unknown	2002 bioassessment shows impairment. F-IBI was fair and BM-IBI was good. Condition improved from 1998 bioassessment. IDNR has not demonstrated that there is good cause not to list.

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7	Bear Creek	02-IOW-0180_1	B(LR)	5b	Unknown	1999 bioassessment shows impairment (F-IBI). BM sampling results were incomplete. Not listed by IDNR for lack of BM data. F-IBI data are adequate indication of impairment.
8	East Fork Wapsipinicon River	01-WPS-0190_3	B(LR)	5b	Unknown	1995 bioassessment data show impairment. F-IBI was fair and BM-IBI was fair. Not listed by IDNR because of age of data. No information available indicating that these data are not representative of current conditions.
9	Sugar Creek	02-CED-0170_1	B(WW)	5b	Unknown	1996 bioassessment shows impairment. BM-IBI was fair and F-IBI was good. Not listed by IDNR because of age of data. No information available indicating that these data are not representative of current conditions.
10	South Skunk River	03-SSK-0020_1	B(LR)	5b	Unknown	1999-2002 IDNR WQ bioassessment shows impairment with fair BM conditions and no F-IBI. IDNR staff believes streams draining watersheds larger than 500 sq. miles are beyond the calibration range for the BM-IBI. However, 2002 IDNR Fisheries bioassessment shows fair conditions (F-IBI). Not listed by IDNR because of stream size (BM-IBI) and fisheries data collected by IDNR-Fisheries Division. Fisheries Division data are adequate indication of impairment.
11	West Jackson Creek	05-CHA-0064_0	B(LR)	5b	Unknown	1999-2002 IDNR Fisheries bioassessment shows impairment with poor conditions (F-IBI). Not listed by IDNR with IDNR Fisheries Division data. Fisheries Division data are adequate indication of impairment.
12	Dick Creek	05-CHA-0067_0	B(LR)	5b	Unknown	1999 and 2001 IDNR Fisheries bioassessments show impairment with poor conditions (F-IBI). Not listed by IDNR with IDNR Fisheries Division data. Fisheries Division data are adequate indication of impairment.
13	Little River	05-GRA-0080_0	B(LR)	5b	Unknown	2002 bioassessment shows impairment with poor conditions (F-IBI). Not listed by IDNR for lack of macroinvertebrate data. F-IBI data are adequate indication of impairment.

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14	Walnut Creek	05-NSH-0100_1	B(WW)	5b	Unknown	1996 IDNR WQ bioassessment shows impairment with poor and fair (F-IBI and BM-IBI) conditions corroborated by a 1999 IDNR Fisheries bioassessment showing fair conditions (F-IBI). IDNR did not list because of age of 1996 data and Fisheries Division fish data. No information available indicating that these data are not representative of current conditions.
15	Walnut Creek	05-NSH-0100_2	B(LR)	5b	Unknown	1998 IDNR Fisheries bioassessment shows impairment with fair conditions (F-IBI). IDNR did not list because fish data came from Fisheries Division. Fisheries Division data are adequate indication of impairment.
16	Silver Creek	05-NSH-0120_0	B(LR)	5b	Unknown	1998 IDNR Fisheries bioassessment shows impairment with poor conditions (F-IBI). Not listed by IDNR because data came from Fisheries Division. Fisheries Division data are adequate indication of impairment.
17	West Branch One Hundred and Two River	05-PLA-0040_1	B(WW)	5b	Unknown	1995 bioassessment shows impairment with fair conditions for fish and BM with calculated IBI values. Not listed by IDNR because of age of data. No information available indicating that these data are not representative of current conditions.
18	West Tarkio Creek	05-TAR-0020_0	B(LR)	5b	Unknown	1995 bioassessment shows impairment with fair conditions for fish and BM with calculated IBI values. Not listed by IDNR because of age of data. No information available indicating that these data are not representative of current conditions.

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19	Clear Creek	02-IOW-0160_3	B(LR)	5a	Organic enrichment	Fecal material in stream contrary to State's General Water Quality Criteria. IDNR has not demonstrated that there is good cause not to list.
20	Buffalo Creek	01-WPS-0110_1	B(WW)	5b	Unknown	2001 bioassessment shows impairment (F-IBI is good, BM-IBI is fair). Data not previously available during 2002 listing process. IDNR has not demonstrated that there is good cause not to list.

ADB+: Iowa's CWA Section 305(b) database

F-IBI: Index of Biological Integrity, Fish

BM-IBI: Index of Biological Integrity, Benthic Macroinvertebrates

A: Iowa's Class A, contact recreational use

B(WW): Iowa's Class B, Significant resource warm water aquatic life use

B(LR): Iowa's Class, Limited resource warm water aquatic life use

Gen. Use: Iowa's General Use category